

ABSTRACT OF THE DISCLOSURE

A communication method, comprising send and receive signals on a single pair of wires, is described which provides attenuation of cross talk at a near end receiver due to a near end transmitter. The circuit uses an adjustable replication transmitter and a high pass filter to provide cross talk attenuation over a wide frequency range. The adjustable replication transmitter is adjusted so that the amplitude of the voltages at the replication transmitter provide the best possible cross talk attenuation. The high pass filter compensates for the reduced load seen by the near end transmitter at very low frequencies in order to provide effective cross talk attenuation to very low frequencies. The adjustable replication transmitter and the high pass filter can be used separately or together.

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